

# Converting Colors

Hex(7F9EA0)

Have a look what the booklet for  
Hex(7F9EA0) contains.

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# **Color**

**Hex(7F9EA0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F9EA0
RGB	127, 158, 160
RGB Percent	50%, 62%, 63%
CMY	0.5020, 0.3804, 0.3725
CMYK	0.21, 0.01, 0.00, 0.37
HSL	184°, 15%, 56%
HSV	184°, 21%, 63%
XYZ	27.3244, 31.5038, 37.8984
YIQ	148.9590, -19.1180, -5.9500

# Conversions

## Conversions Part 2

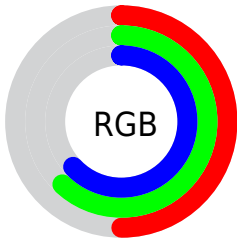
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 143, 160
Decimal	8363680
CIELab	62.93, -10.22, -4.60
CIELCh	63, 11.210, 204.219
Yxy	31.5038, 0.2825, 0.3257
Android (android.graphics.Color)	4286553760 (0xFF7F9EA0)
YUV	148.9590, 5.4432, -19.2580
Hunter-Lab	56.1283, -11.3269, -0.7435

# Details

The Hex color **7F9EA0** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A0817F**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B4D5D7**, and **4D6B6D** is the 20% darker color. If you saturate the color by 10%, you get **6F9DA0**, and if you desaturate by 10%, it is **8F9FA0**.

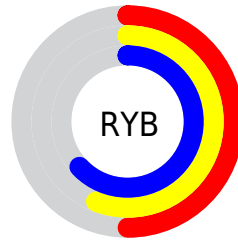
# Distribution



Red (50%)

Green (62%)

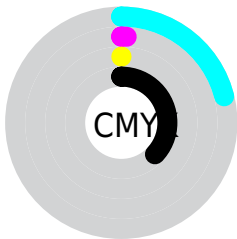
Blue (63%)



Red (50%)

Yellow (56%)

Blue (63%)

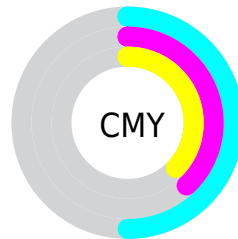


Cyan (21%)

Magenta (1%)

Yellow (0%)

Black (37%)



Cyan (50%)

Magenta (38%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F9EA0 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7F9EA0 by changing the saturation by 10% instead.



7F9EA0

7F9EA0

FFFFFF

668486

B4D5D7

4D6B6D

D0F1F3

355254

ECFFFF

1E3B3D

072627

001113

000000

7F9EA0

7F9EA0

6F9DA0

8F9FA0

5F9CA0

9FA0A0

4F9BA0

AFA1A0

3F9AA0

BFA2A0

2F99A0

CFA3A0

1F98A0

DFA4A0

0F97A0

EFA5A0

0096A0

FFA6A0

FFA7A0

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



839E96



7F9EA0



829CA8

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7F9EA0



A493A4



A29785

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7F9EA0



A0817F

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



AA9488



7F9EA0



AB929B

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7F9EA0



9896AA



AE9290



989A86

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7F9EA0



889BAB



AE9290



A69685



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7F9EA0



C5D0D1



7FA081



616869



E8E8E8



696969



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7F9EA0



9DCED1



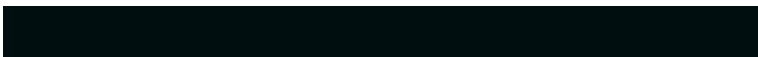
7F8EA0



474F4F



00868F



000E0F



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A07F9E



D19DCE



A0917F



4F474F



8F0086



0F000E



# Previews

## White Background



This preview shows how the Hex color 7F9EA0 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

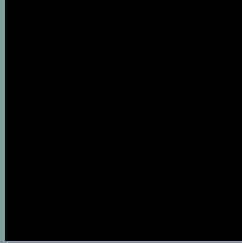
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

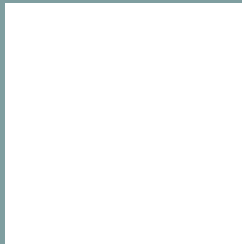
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F9EA0 Background



This preview shows how black text looks on a background with the Hex color 7F9EA0.

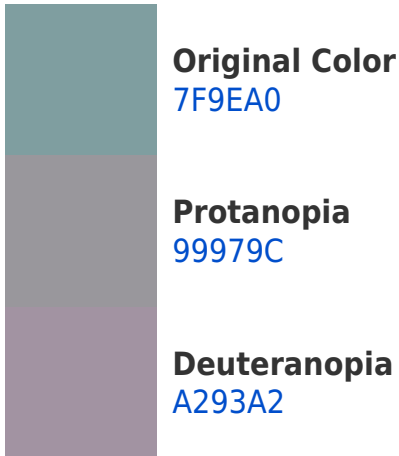


This preview shows how white text looks on a background with the Hex color 7F9EA0.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

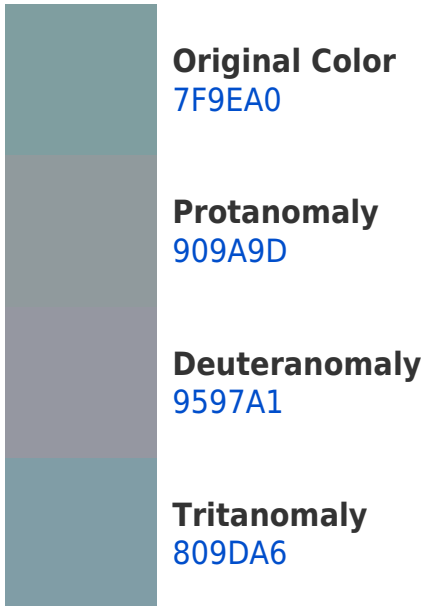
## Dichromacy





**Tritanopia**  
819DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F9EA0 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7F9EA0 looks like.

```
.text, #text, p{  
    color:#7F9EA0  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7F9EA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F9EA0
}
```

## Border

The CSS property to change the border of an element to Hex 7F9EA0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F9EA0 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7F9EA0 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #7F9EA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F9EA0; -webkit-box-shadow:4px 4px  
4px 4px #7F9EA0; box-shadow:4px 4px 4px  
4px #7F9EA0 }
```

# Background

The CSS property to change the background color of an element to Hex 7F9EA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F9EA0 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7F9EA0 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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